

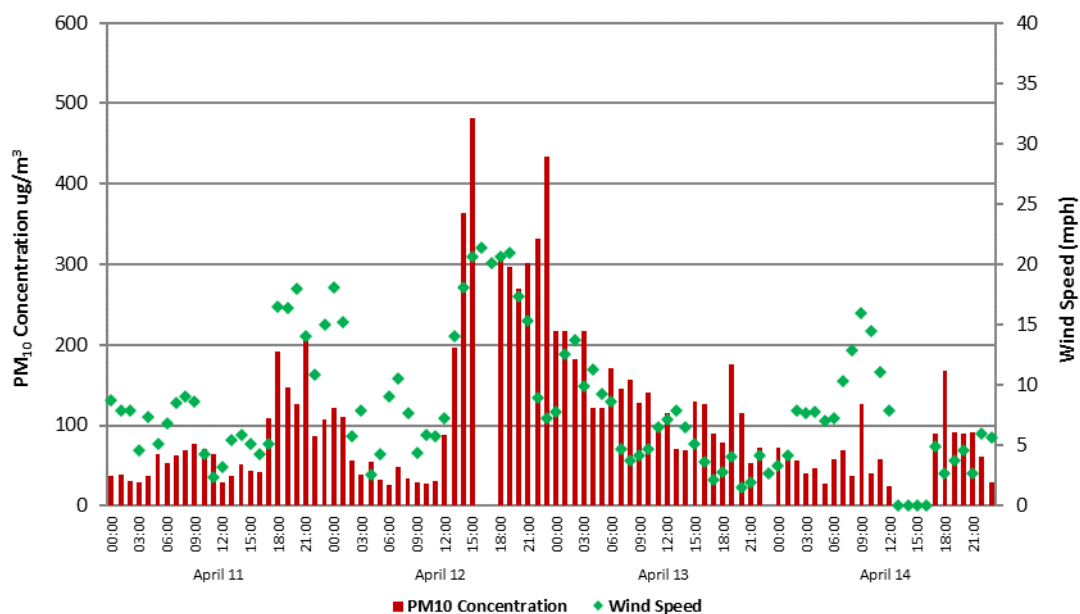
Appendix C

Correlated PM₁₀ Concentrations and Wind Speed

The following graphs illustrate the direct correlation between wind speeds¹ and PM₁₀ concentrations at select monitoring sites within the Salton Sea Air Basin on June 26, 2014. Note a variety of instruments measure wind speed at different times during any given hour. Therefore, the following graphs reflect the hour of the wind measurement.

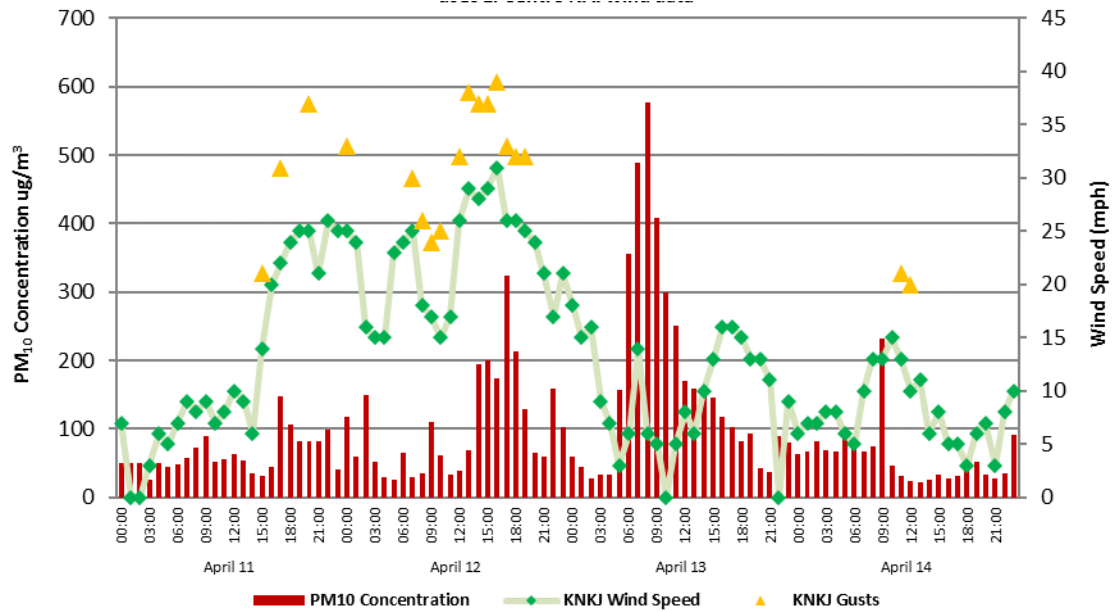
IMPERIAL COUNTY SELECT SITES

FIGURE C-1
NILAND PM₁₀ CONCENTRATION & WIND SPEED CORRELATION



¹ National Weather Service; NOAA's Glossary – Wind Speed: The rate at which air is moving horizontally past a given point. It may be a 2-minute average speed (reported as wind speed) or an instantaneous speed (reported as a peak wind speed, wind gust, or squall); <http://w1.weather.gov/glossary/index.php?letter=w>

FIGURE C-2
BRAWLEY PM₁₀ CONCENTRATION & WIND SPEED CORRELATION



RIVERSIDE COUNTY MONITORING SITES

FIGURE C-3
INDIO (JACKSON ST) PM₁₀ CONCENTRATION & WIND SPEED CORRELATION

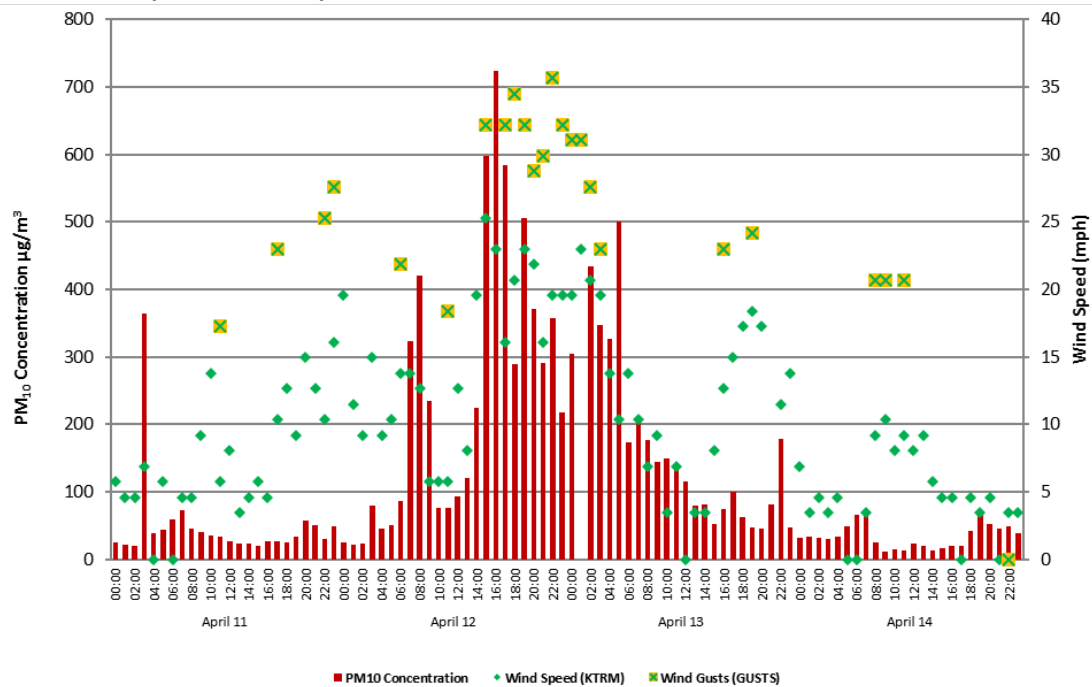


FIGURE C-4
PALM SPRINGS FIRE STATION PM₁₀ CONCENTRATION & WIND SPEED CORRELATION

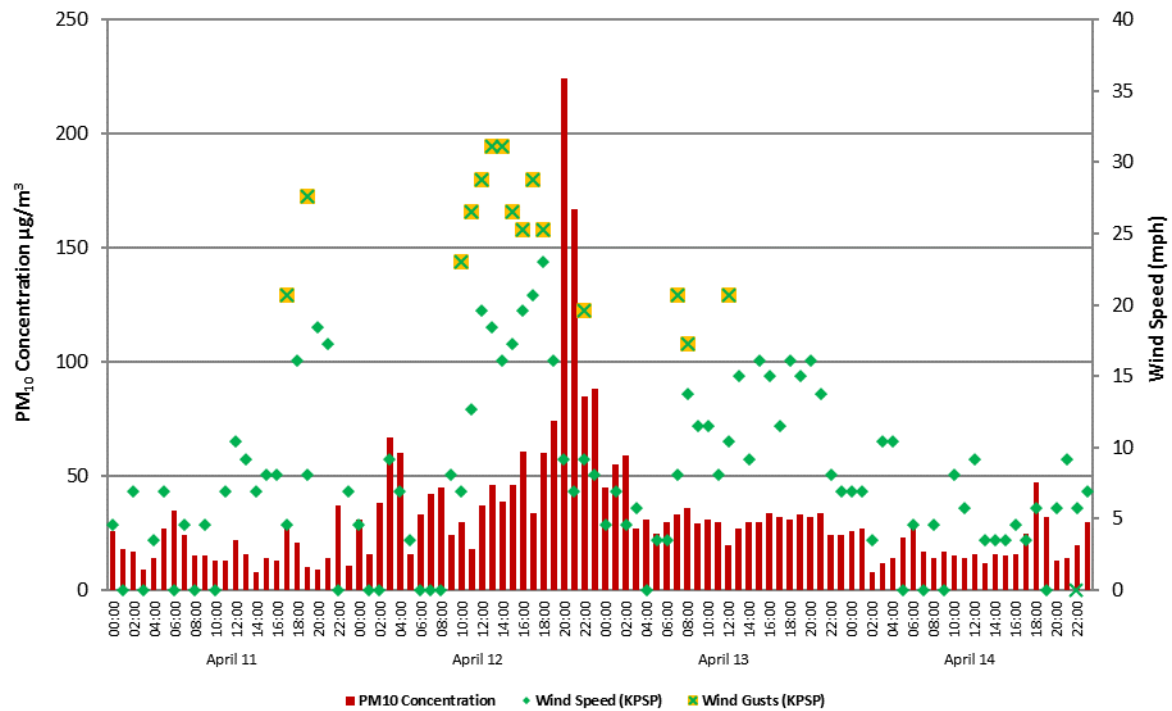
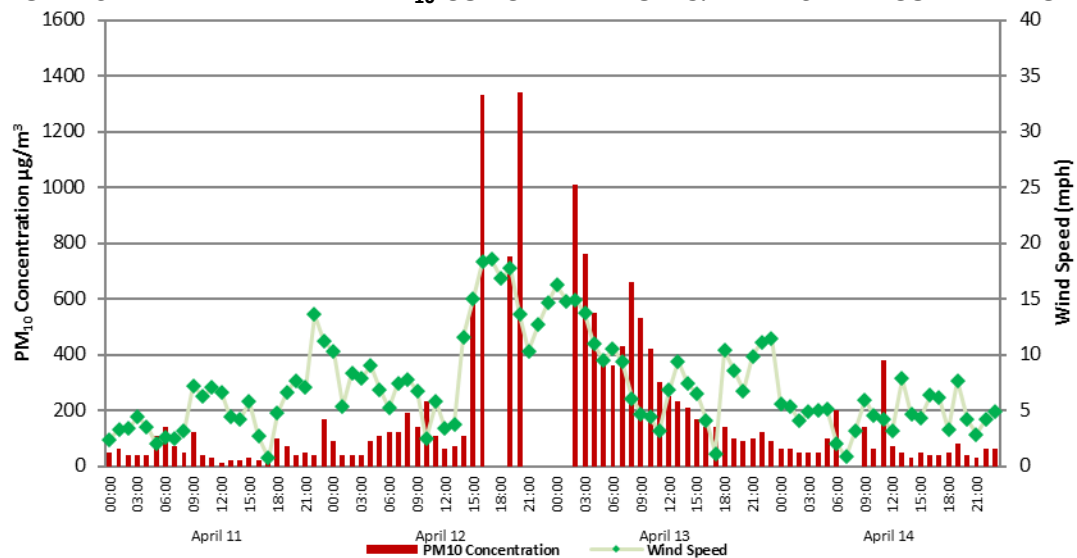


FIGURE C-5
TORRES-MARTINEZ TRIBAL PM₁₀ CONCENTRATION & WIND SPEED CORRELATION



YUMA, ARIZONA MONITORING SITE

FIGURE C-6

YUMA (ARIZONA) SUPERSITE PM₁₀ CONCENTRATION & WIND SPEED CORRELATION